

**Z-series
ZPE 16S**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
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www.weidmueller.com

Product image**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	ZPE 16S
Order No.	1739610000
Version	Z-series, Installation multi-tier terminal, PE terminal, Rated cross-section: 16 mm², Tension-clamp connection, green, Direct mounting
GTIN (EAN)	4008190957063
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	12 mm	Width (inches)	0.472 inch
Height	95 mm	Height (inches)	3.74 inch
Depth	48 mm	Depth (inches)	1.89 inch
Depth including DIN rail	48.5 mm	Net weight	46.96 g

Temperatures

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	4 AWG
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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Technical data
Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 mm ²
Clamping range, min.	1.5 mm ²	Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	16 mm ²	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A7	Number of connections	2
Stripping length	18 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	1.5 mm ²

Disconnect terminals

For N-busbar	10 x 3 mm
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PE rating data

PEN function	Yes
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Rating data

Rated cross-section	16 mm ²	Rated voltage	400 V
Rated voltage to adjoining terminal	400 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Power loss in accordance with IEC 60947-7-x	2.43 W
Rated impulse withstand voltage	6 kV	Rated impulse withstand voltage to adjacent terminal	6 kV
Pollution severity	3		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	14 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	14 AWG		

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
eClass 9.0	27-14-11-25	eClass 9.1	27-14-11-25
eClass 10.0	27-14-11-25	UNSPSC	30-21-18-11

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DE_PT1103_20160418_1385_ISSUE01.pdf Declaration of Conformity Terminals
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP
Product Change Notification	PCN_ZPE_Q3_2020 PCN - EN PCN - DE
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

